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# A DORMITORY FOR STUDENTS

BY

EARL N. DUGAN

THESIS

For the Degree of Bachelor of Science
in Architecture

COLLEGE OF ENGINEERING
UNIVERSITY OF ILLINOIS

PRESENTED, JUNE, 1906

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THIS IS TO CERTIFY THAT THE THESIS PREPARED UNDER MY SUPERVISION BY

Earl N. Dugan

ENTITLED A Dormitory for Students

IS APPROVED BY ME AS FULFILLING THIS PART OF THE REQUIREMENTS FOR THE DEGREE

OF Bachelor of Science in Architecture

N. Clifford Ricker.

HEAD OF DEPARTMENT OF Architecture

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The subject, with which this thesis deals, is that of providing desirable accomodations for students in a university community. It is assumed that the building is surrounded by enough open space to allow some parking, and a terrace, thus providing a pleasing outlook from all the rooms. Considering it so located, it is evident that the problem of providing the best light and fresh air, and protection from fire from other buildings is disposed of.

Following these general principals, the plan which has been developed consists of the grouping of units so as to form three sides of a rectangle. The building will accomodate one

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hundred and sixty students and is divided into six separate apartments. This division into different parts is for the following reasons; to do away with the noise and disturbance of travel through hallways; to allow the different parts being occupied by men or women, or by organizations, and to protect the different parts from fire. The principal entrance into the main part of the building leads to the following rooms on the first floor; the managers office; a general parlor; two small parlors, rooms for the manager; and four suites of rooms for students. The second and third floors of this central mass of the building are di-

vided into two apartments. The wings on either side, and those extending forward are also divided, and each has three doors so that they may be entered from either street, or from the court.

The building is placed upon a terrace, which helps provide plenty of room for a good basement, and also forms a base to the building, as well as adding to the appearance of the surroundings. A fountain and two sunken gardens are included in the lay-out of the grounds. The basement is to be fitted with quarters for servants, a laundry, and storage rooms for trunks, also a corridor connected with the different apartments above, by freight eleva-

tors.

The steam heat and electric light are to be furnished by an outside plant.

The building is to be constructed of brick with stone trimmings and a tile roof. The inside partitions and the floors are to be of hollow tile; the latter to be of "long span tile construction, reinforced with steel bars". All stairs are to be of bronze plated steel, and marble steps. It is also desirable that rubber tile flooring shall be used in the corridors.

The rooms are arranged in suites, consisting of a study, a bath room, and one double or two single bed

rooms, with closets. Fire places are provided in most of the suites.

## Sumary of Rooms in Building

### 1st Floor:-

| | No of people Accomodated |
|---|---|
| Central Unit | |
| 1 - Office | |
| 1 - General Parlor | |
| 2 - Individual Parlors | |
| 4 - Guests Bed Rooms | |
| 1 - Room for Manager | |
| 4 - Double Suites - | 8 |
| 4 - Apartments in Wings | |
| 1 - Parlor | |
| 4 - Double Suites - | 32 |

### 2nd Floor

| | |
|---|---|
| Central Unit (two apartments) | |
| 6 - Double suites | 24 |
| 4 - Apartments in Wings. | |
| 1 - Single Room | 4 |
| 4 - Double Suites | 32 |

### 3d Floor

| | |
|---|---|
| Central Unit (two apartments) | |
| 6 - Double Suites | 24 |
| 4 - Apartments in Wings | |
| 1 - Single Room | 4 |
| 4 - Double Suites | 32 |
| | Total 160 |

The drawings submitted are:

| | Size of Sheet |
|---|---|
| 1- Front Elevation @ 1/8" scale — | 23" x 48" |
| 1- First Floor Plan @ 1/8" " | " " |
| 1- End Elevation @ 1/8" " | 20" x 22" |

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